DIGESTION

Why to do this :

1. To cut plasmids on a specific site (depending on the restriction enzyme used) in order, later, to verify the plasmid or to insert a part

What you need

1. For 2 µL DNA in a total volume of 10 µL
    - 0.5 µL of restriction enzyme
    - 2 µL of DNA
    - 1 µL of buffer 10X
    - 7.5 µL sterile water
    - 2 µL of buffer STOP 6X (30% glycerol, 0,25% BBT, 0,25% cyanol xylen)

How to do :

a) Add 2 µL of DNA, 1 µL of buffer 10X, 7.5 µL sterile water (to reach a volume of 10 µL) and at the end 0.5 µL of each enzyme.

b) Incubate for 1h30 at 37°C.

c) Add 2 µL of buffer STOP 6X